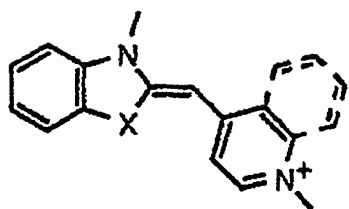


1/15



Dye	X	Heterocycle	$\lambda_{\text{max}}$
BO	S	pyridine	445
TO	S	quinoline	510
PO	O	pyridine	435
YO	O	quinoline	480

FIG.1

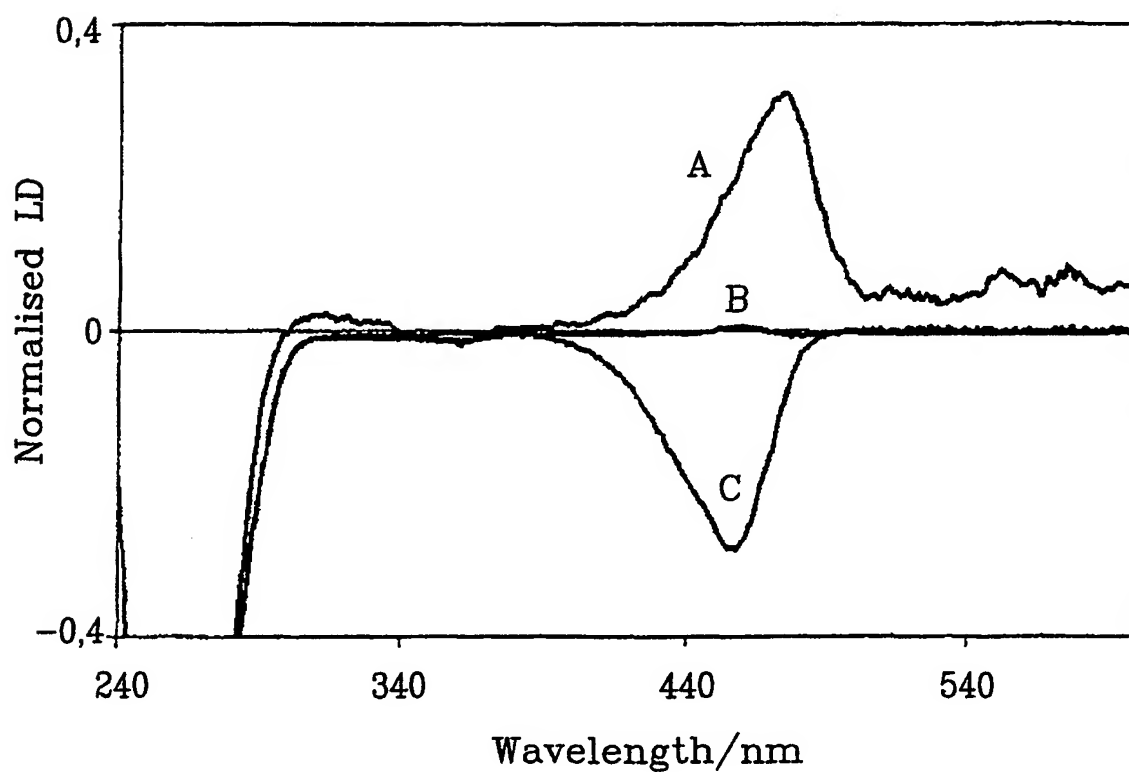


FIG.2

2/15

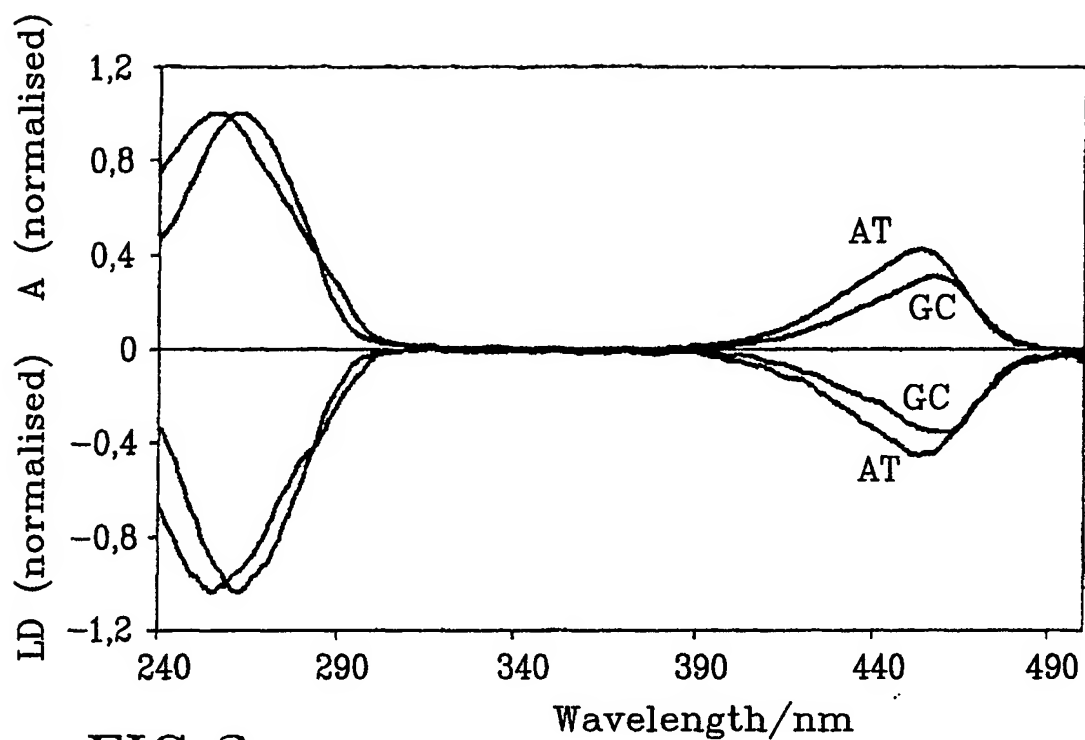


FIG.3

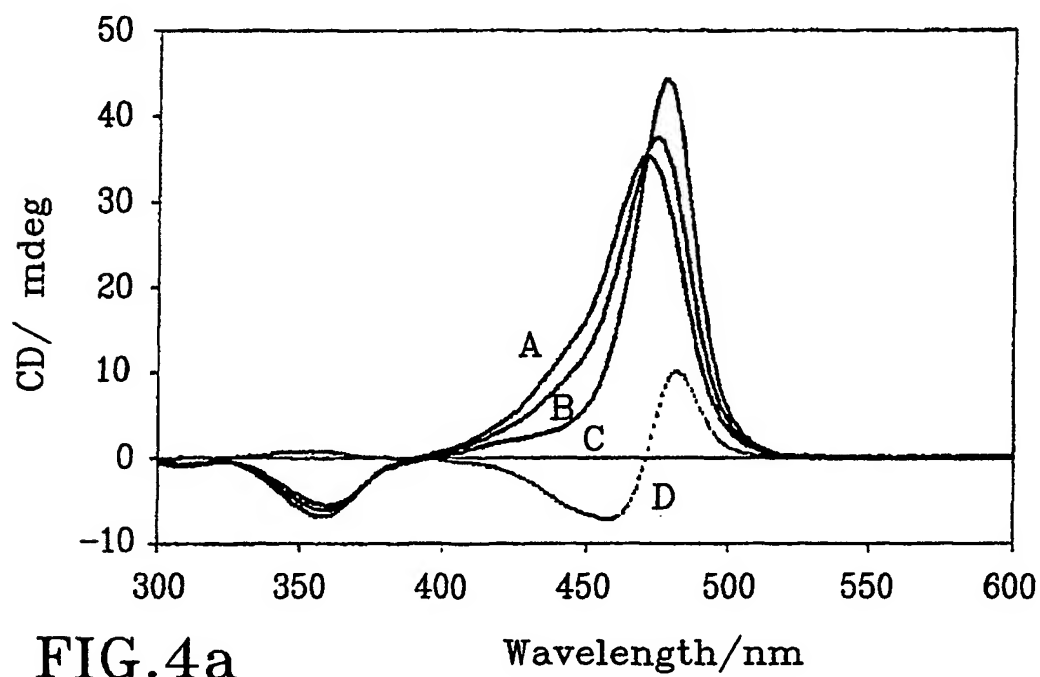
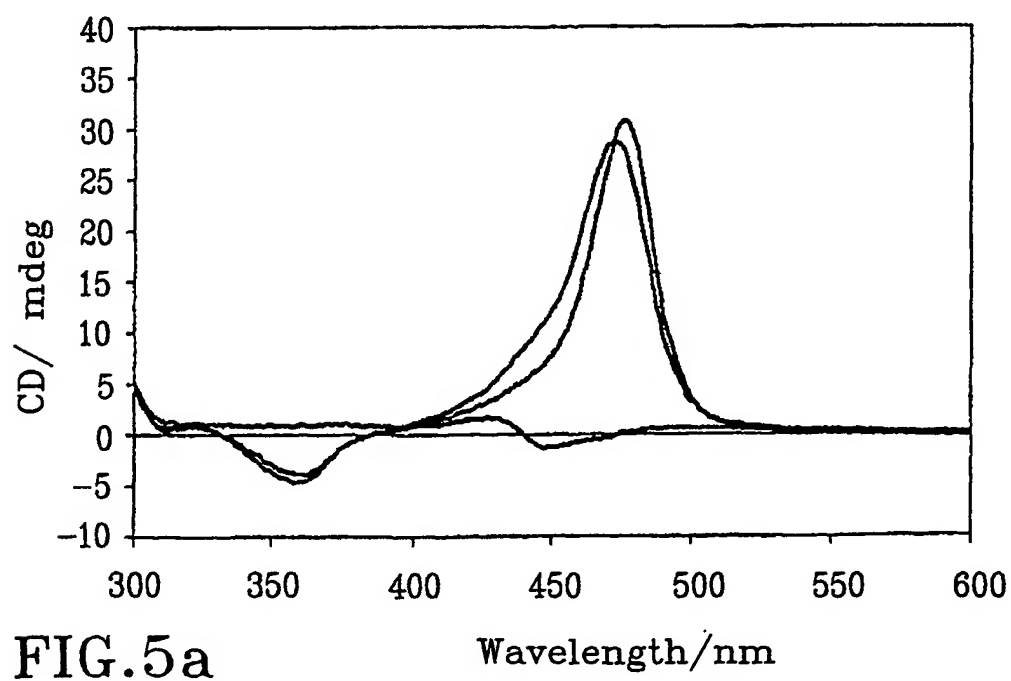
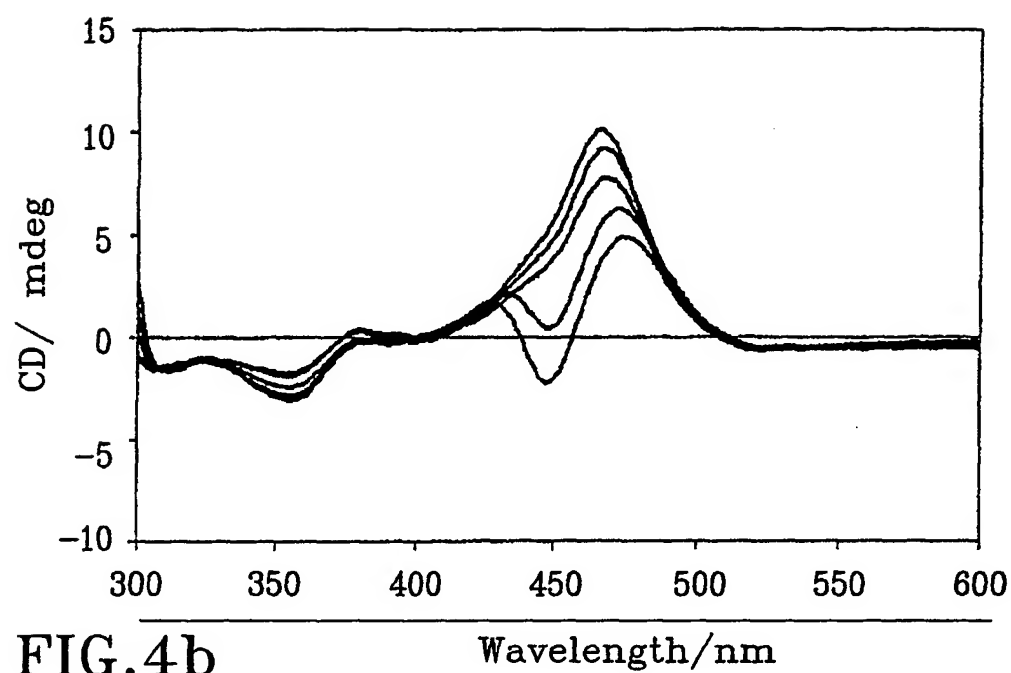


FIG.4a

Wavelength/nm

3/15



4/15

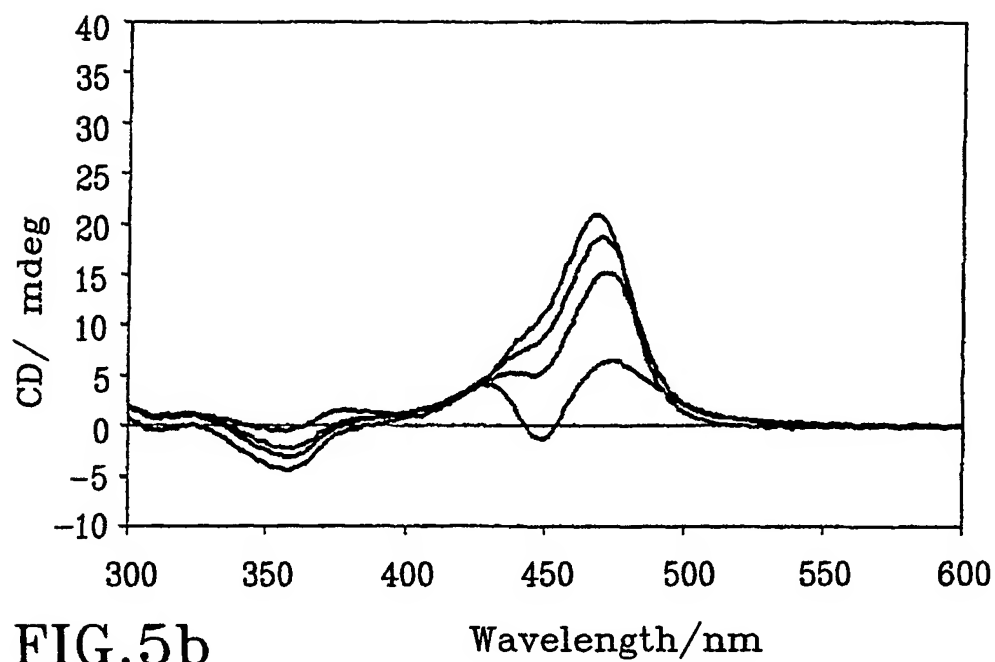


FIG.5b

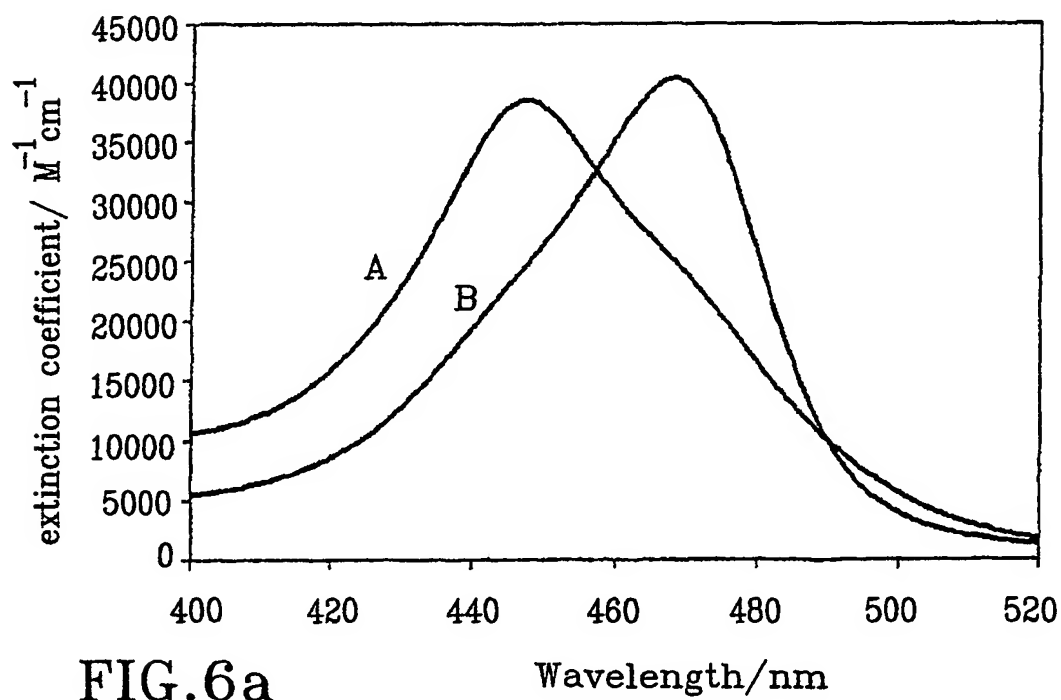


FIG.6a

5/15

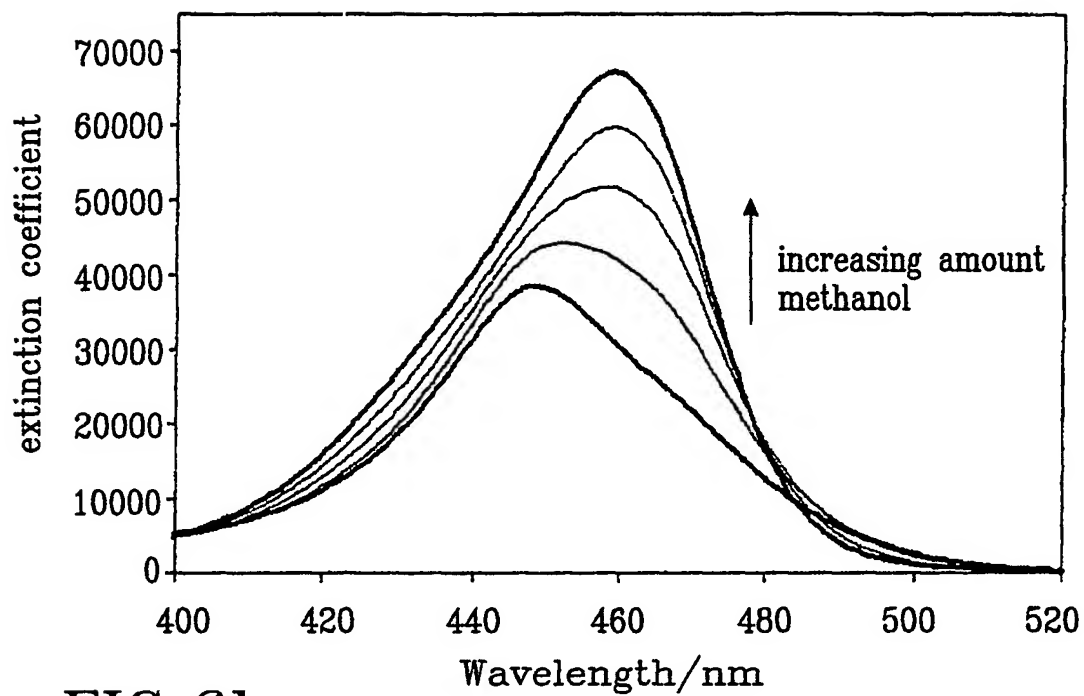


FIG. 6b

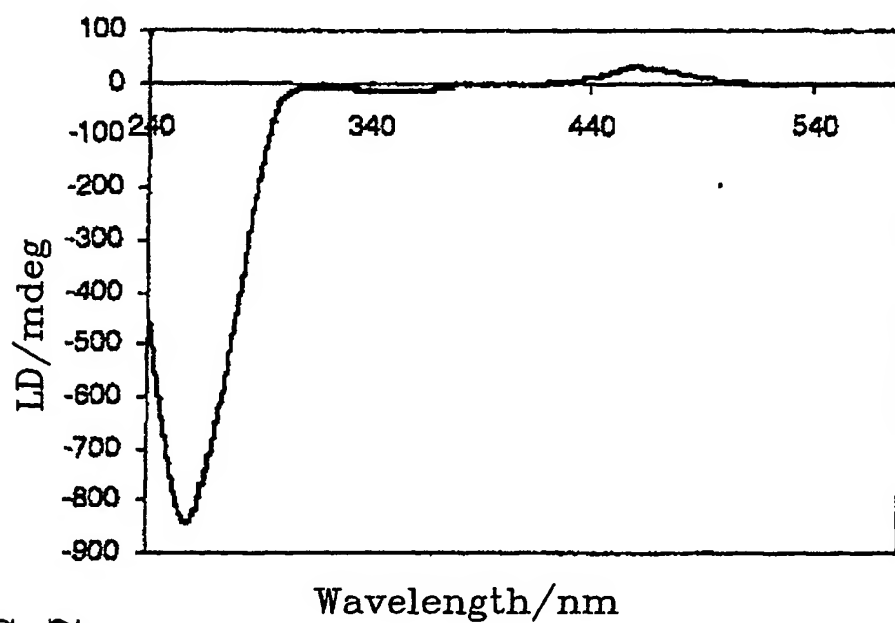


FIG. 7a

6/15

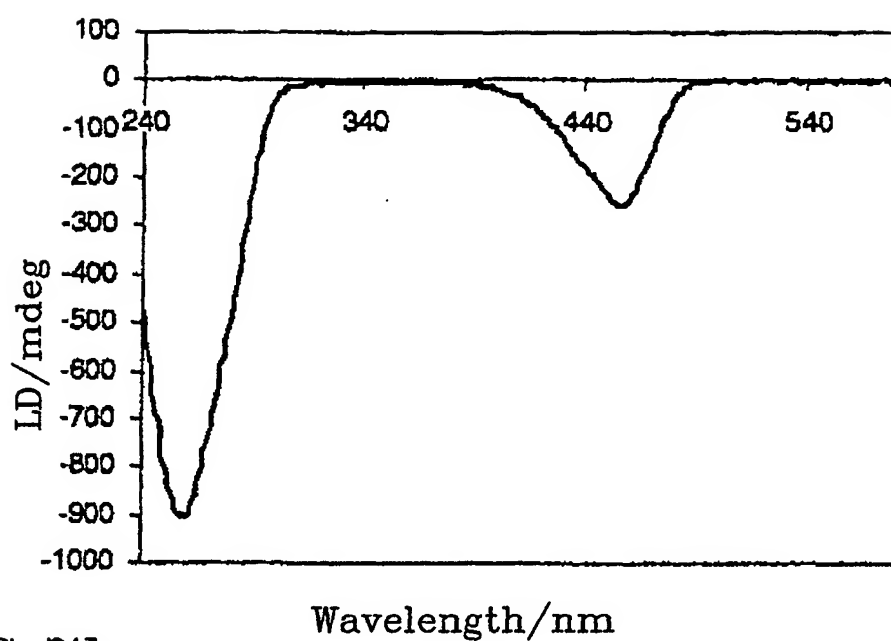


FIG. 7b

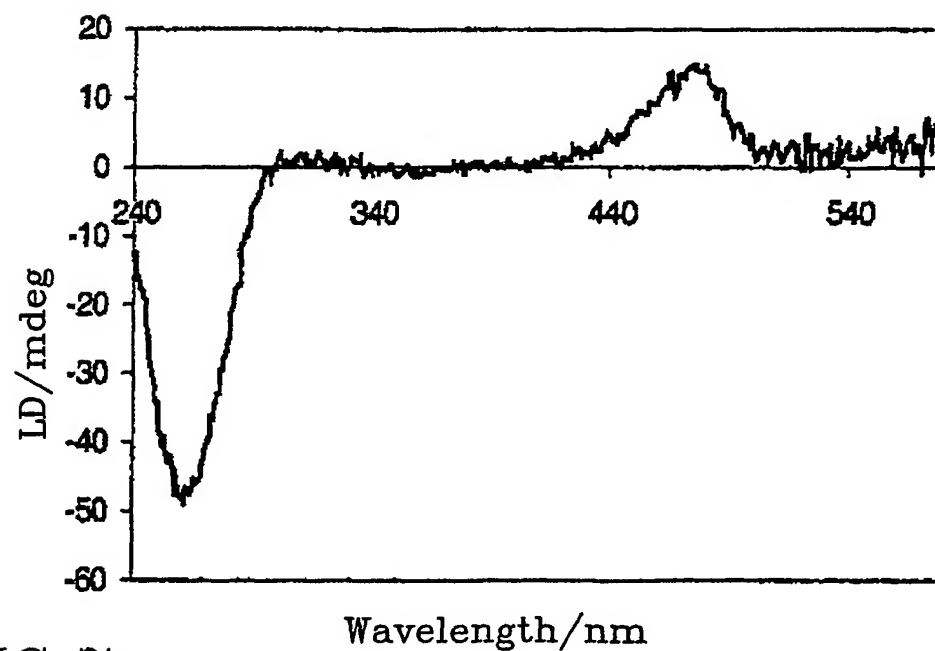


FIG. 7c

7/15

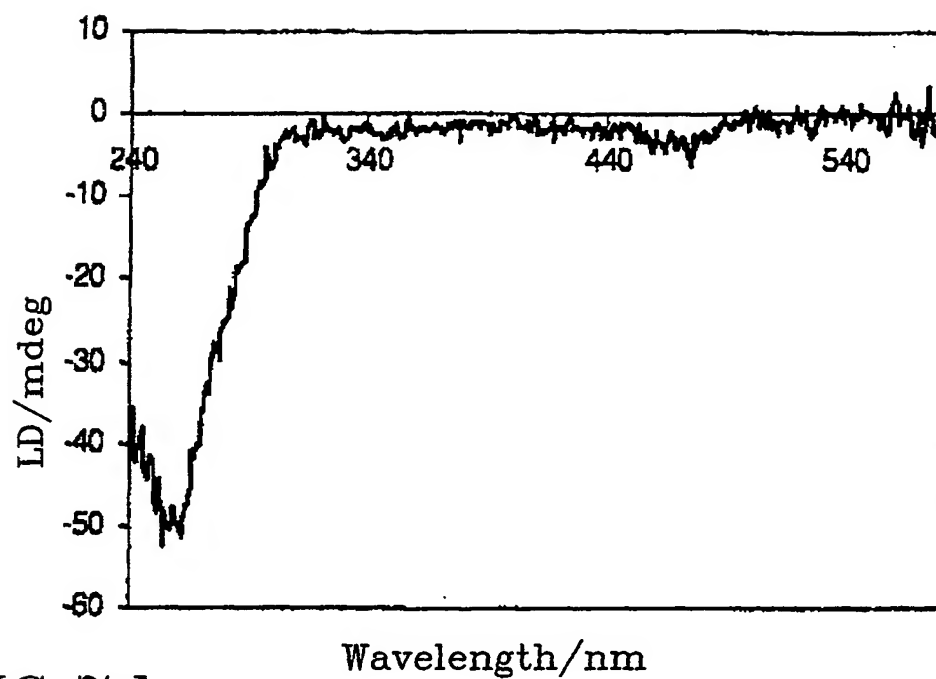


FIG. 7d

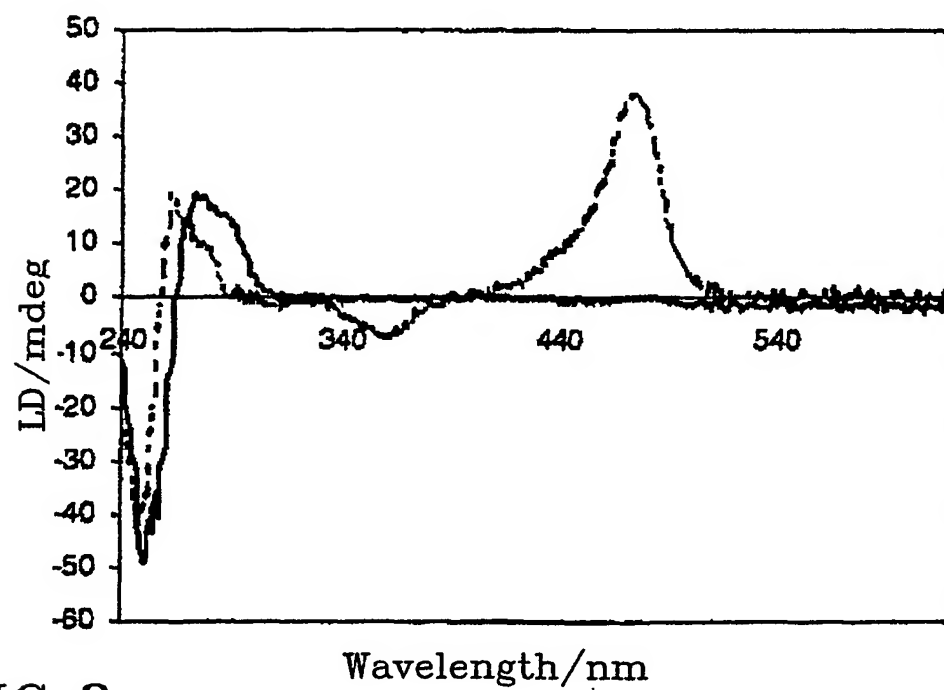


FIG. 8

8/15

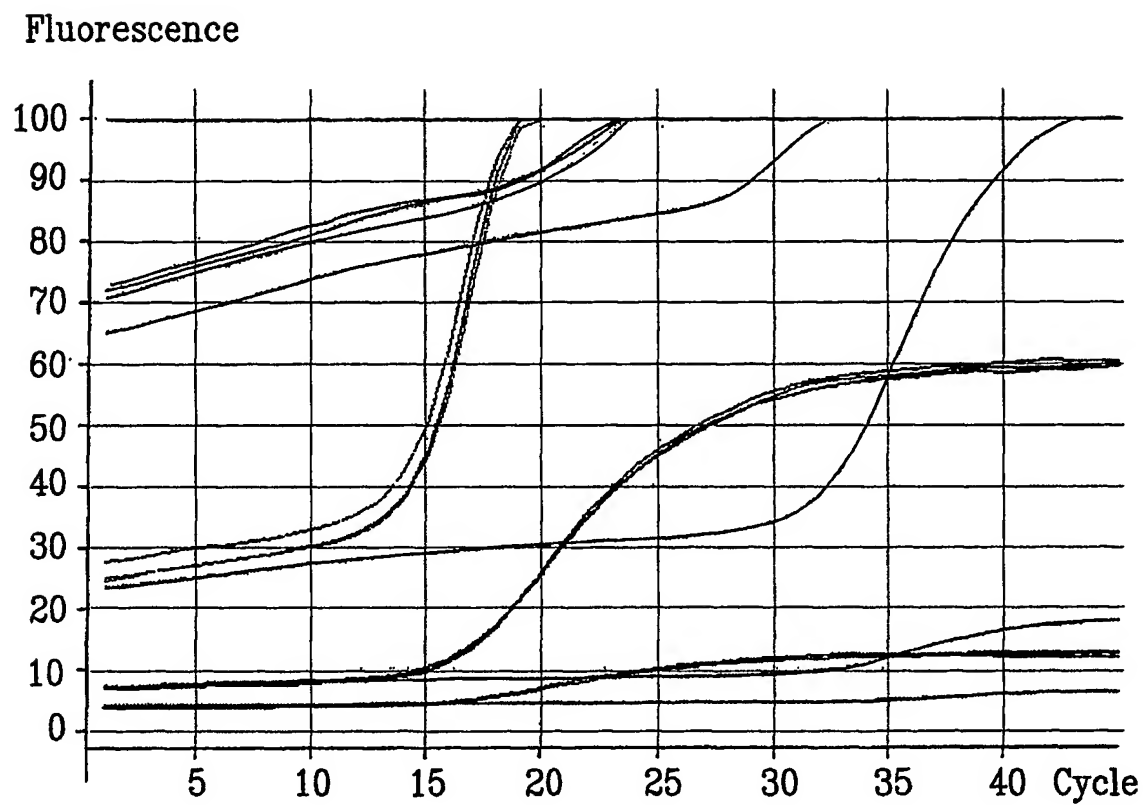


FIG.9



9/15

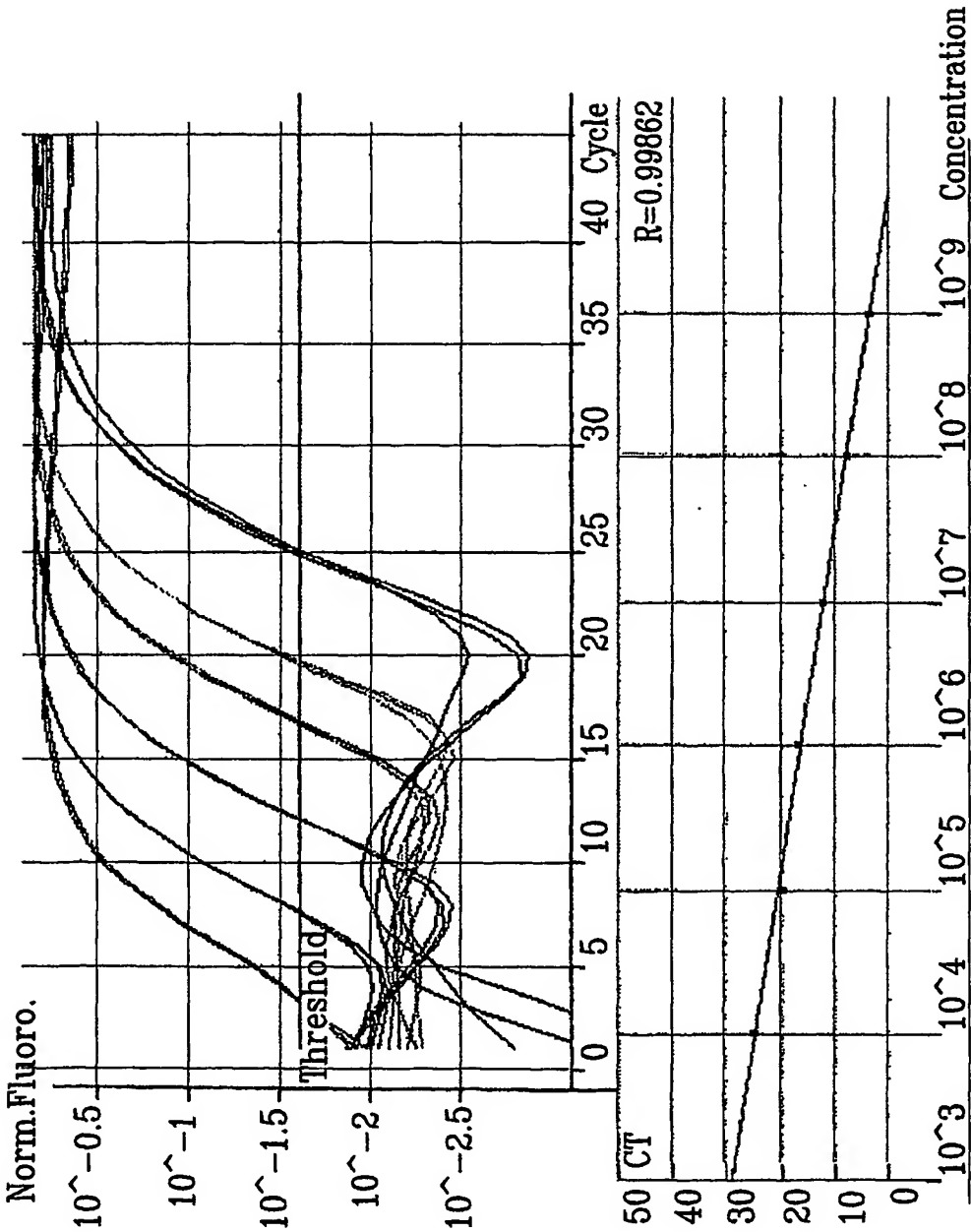


FIG.10

10/15

Fluorescence

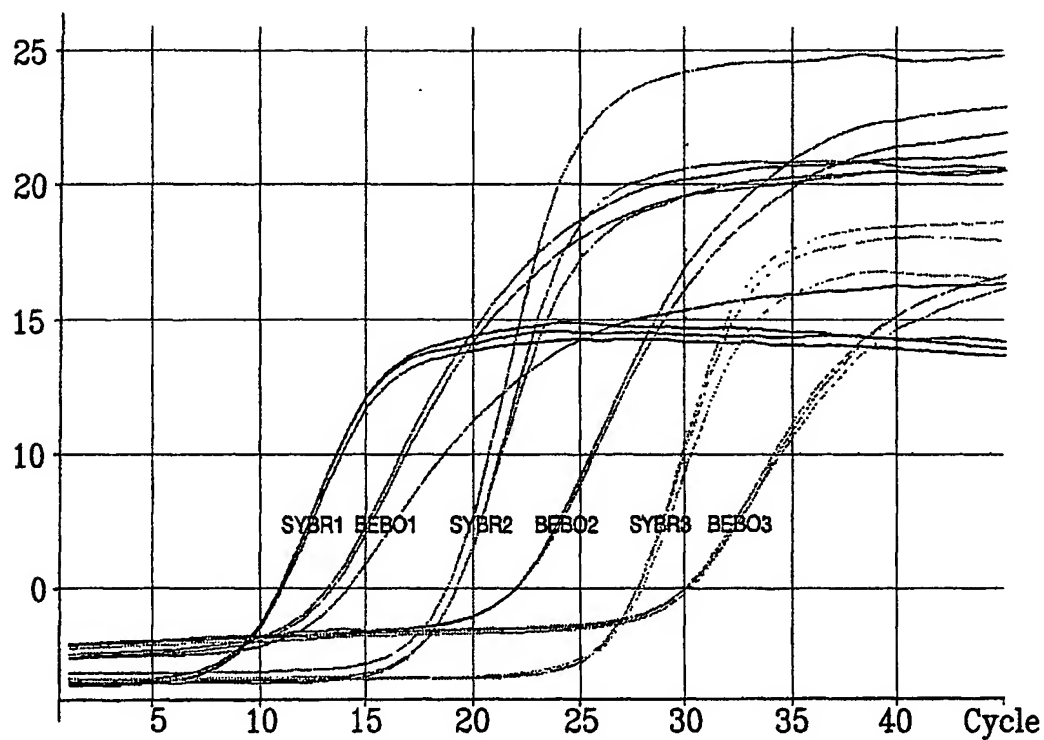


FIG. 11

Norm.Fluoro.

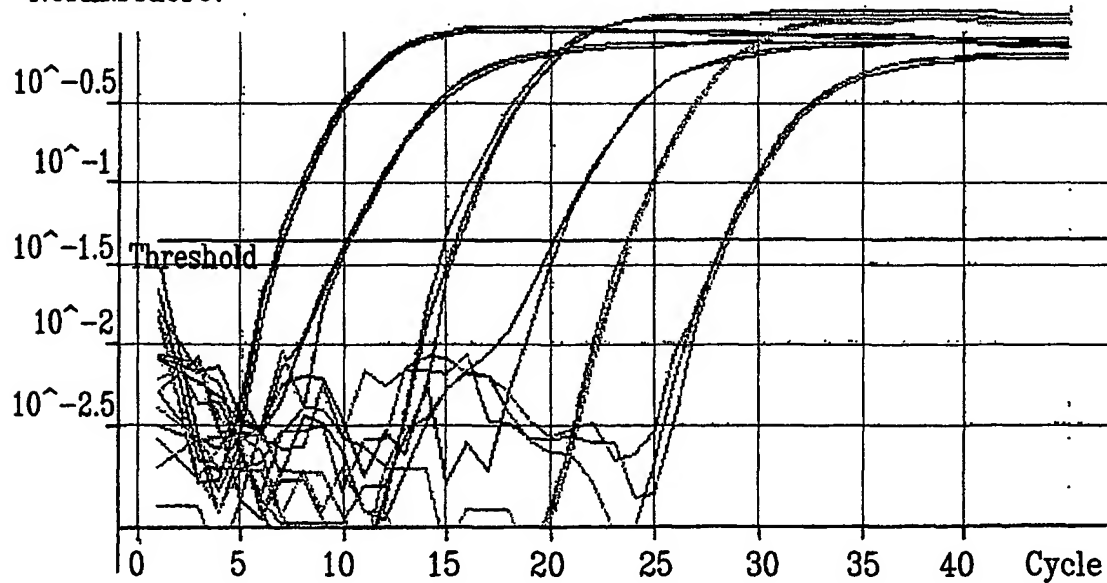


FIG. 12

11/15

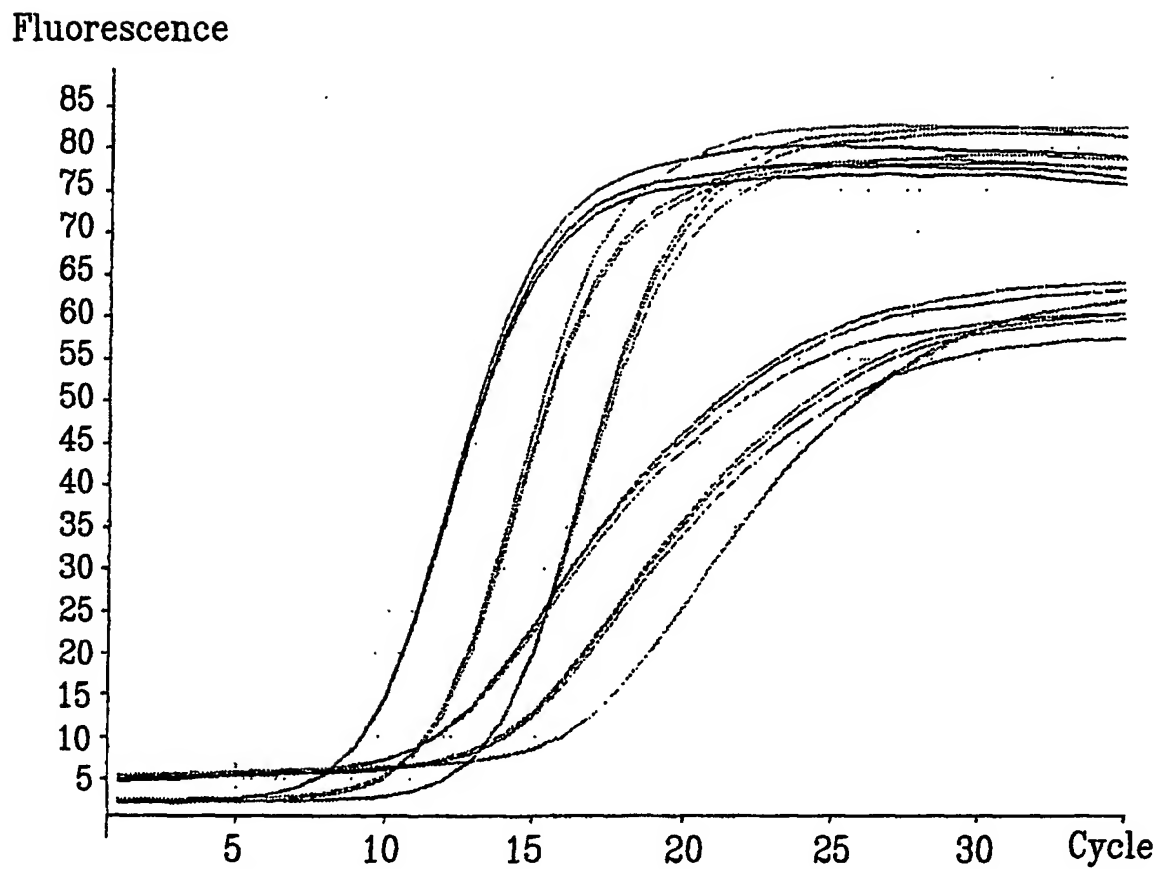


FIG.13

12/15

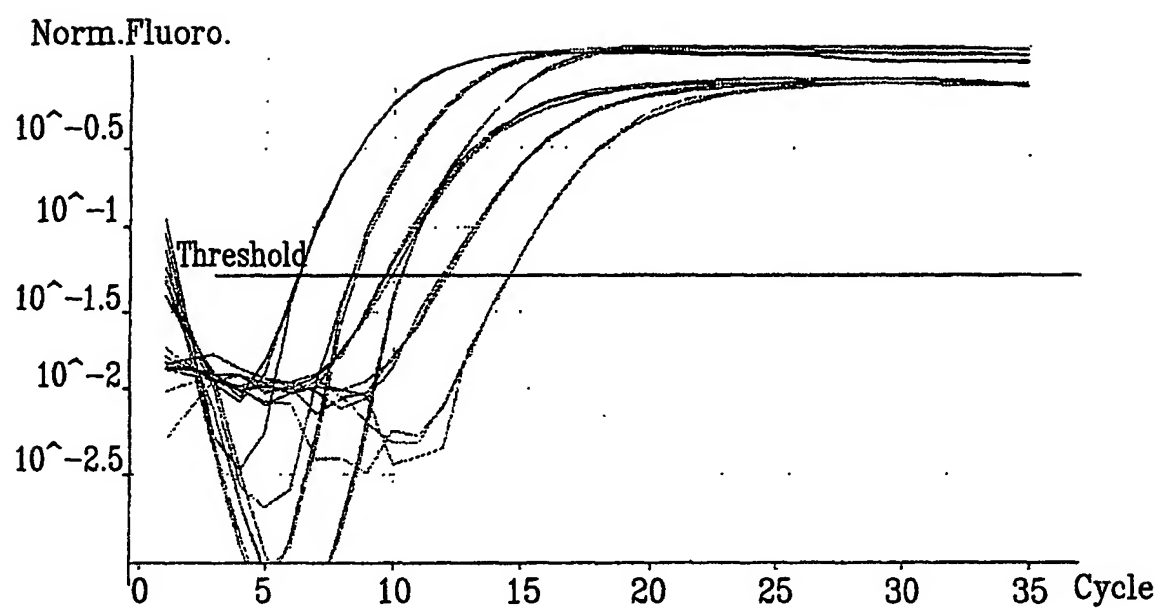


FIG.14

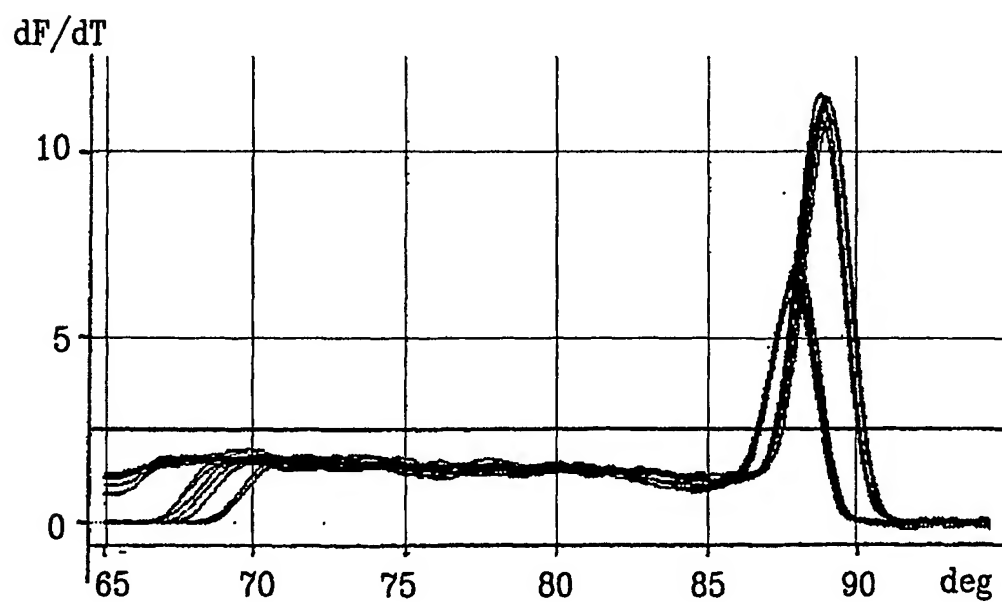


FIG.15

13/15

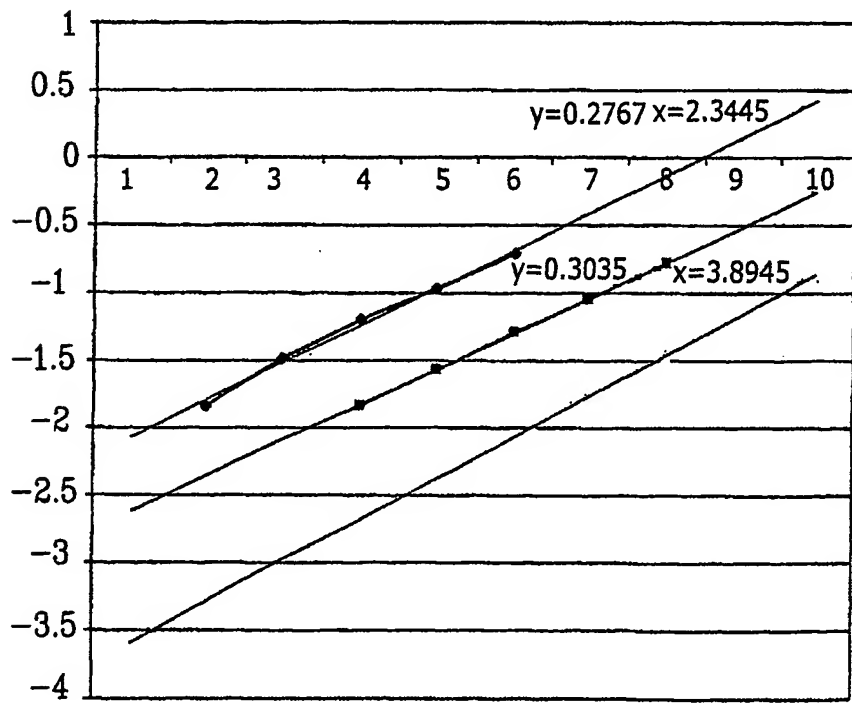
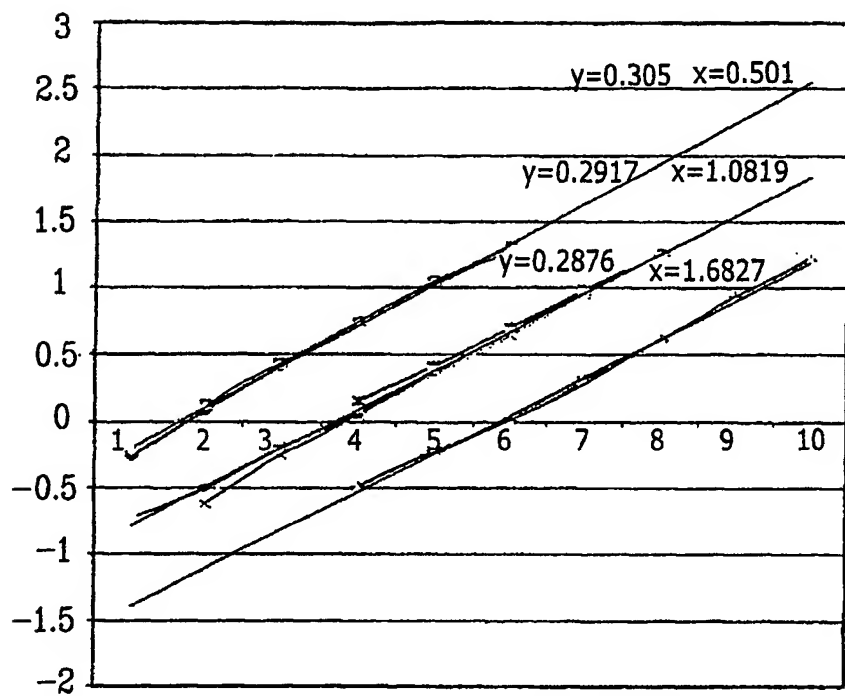
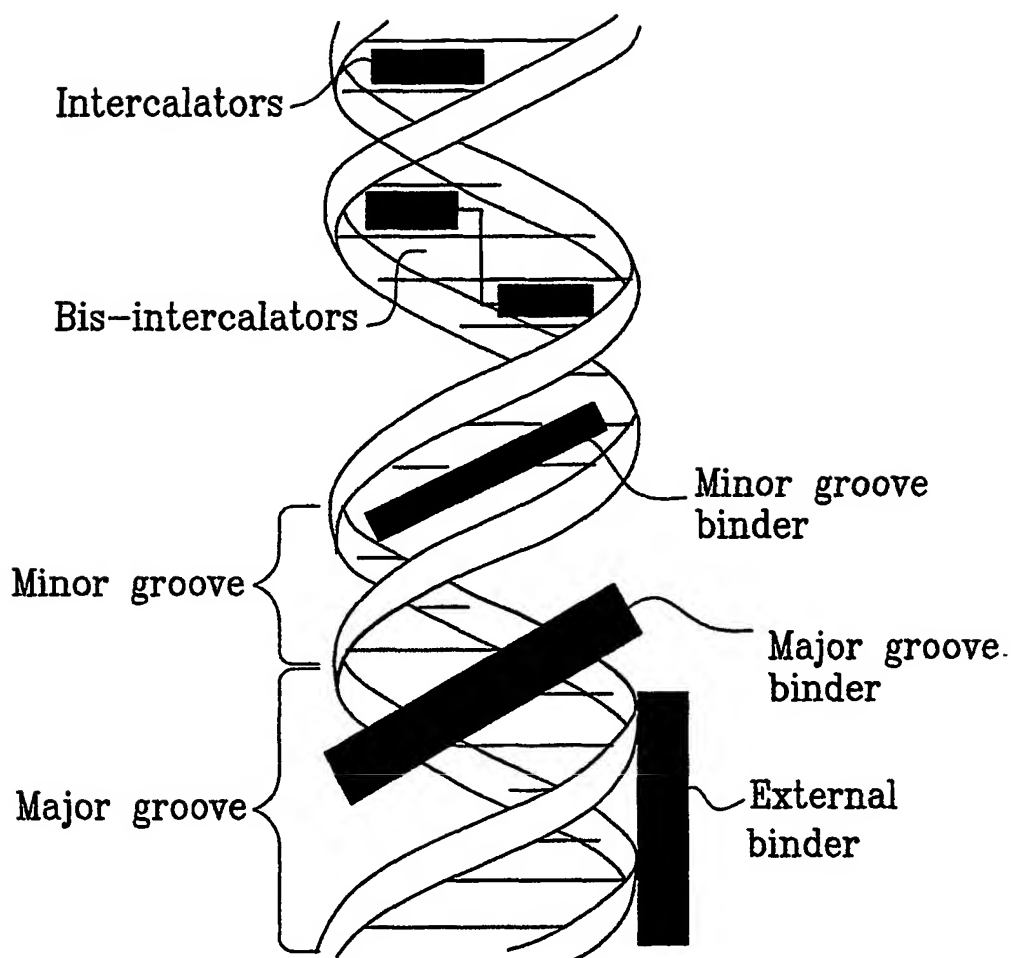
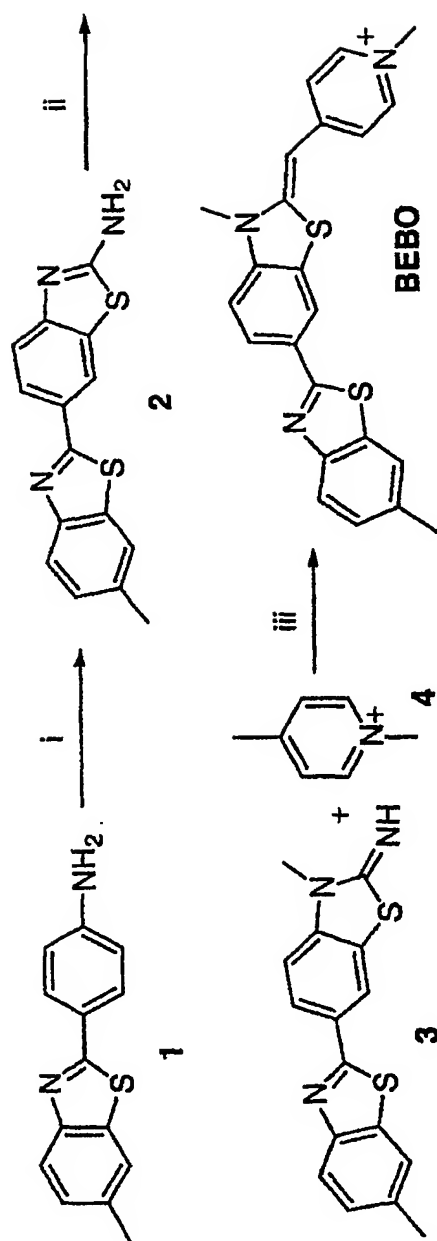


FIG.16

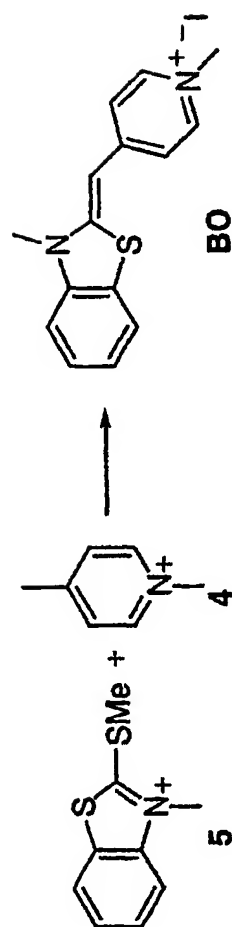
14/15

**FIG.17**

15/15



Scheme 1



Scheme 2